

# **Use & Care Guide**

## **Dishwasher**

**ASKO D5233**

*Dear ASKO customer,*

*Thank you for choosing this quality product from Scandinavia, which was made in Sweden.*

*We want you to feel assured that the inside of your new machine is just as good as the outside and that the ethics and standards that went into the production of this machine are just as high as the quality and performance that you will receive from it. We hope that this product will give you many years of pleasure.*

*To ensure that you get the most from your new machine, we recommend that you read the operating instructions before using the machine. The operating instructions also contain information on how to avoid damaging the environment.*

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# Before doing your first wash

## **Read the directions of use**

Read the directions of use before starting to use your machine, especially the Safety, Child Safety and Basic Course sections.

## **Take care with certain materials**

Read the section 'Fragile dishes' before washing china with unglazed decoration or other household goods made of plastic, wood or crystal requiring careful treatment.

## **Check the door**

Check that the door of the dishwasher fits properly: open the door a little and let it go. Does it stay exactly where you released it? If not, you should check the installation instructions or consult the installer.



## General

Winter storage/Transport

- Read and keep the directions for use!
- Installation of water, drainage and electricity must be carried out by a qualified professional.
- Do not use the dishwasher for any purposes other than those stated in this User Guide.
- Do not load the dishwasher with anything other than dishes.
- Only use **dishwasher** detergent!
- Place knives and other sharp objects so that they cannot cause injury to people or damage the dishwasher.

Never put dishes containing solvent residue in the machine due to risk of explosion. Neither may dishes containing ashes, wax or lubricating grease be washed in the dishwasher.

## Winter storage/Transport

Store the machine away from frost.

Avoid long journeys in extreme cold. Transport the machine in an upright position or lying on its back.

## Overfill protection

The overfill protector starts pumping out water and closes off the water intake if the machine's water level exceeds the normal level. If the overfill protector starts up, shut off the water supply and phone for service. See 'Troubleshooting'.

## Cleaning

Only use a slightly damp cloth for cleaning around the edge of the door. Do not use a spray bottle! Water can penetrate into the lock and come into contact with the electrical components.

## Packaging materials

Sort at source in accordance with the recommendations of your local authority.

## Scrapping

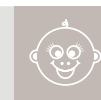
When the time comes for the machine to be scrapped, it should immediately be rendered unusable. Remove the plug and cut off the lead as short as possible.

Contact your refuse collection department or your local authority for information on the correct way to dispose of the machine! The machine is manufactured and labelled for recycling.

# Child Safety!



KIDLOCK™



KIDSAFE™

## Child-safe button lock

To prevent children starting the machine, you can activate a button lock.

Proceed as follows:

1. Switch off the dishwasher with the main switch.
2. Hold in the Temperature and Drying buttons for 3 seconds, and at the same time switch on the main switch.

The Temperature, Drying and start symbols will then flash. Release the Temperature and Drying buttons.

4. Press the Program selection button. Once the symbol for Auto lights up, the button lock has been activated.
5. Press the Start/Stop button to store the setting.

Once the button lock has been activated, the Temperature and Drying symbols will flash when any of the buttons are pressed.

To deactivate the button lock temporarily when you want to start the machine, press the Temperature and Dry buttons simultaneously. The button lock will then automatically switch on again after 3 minutes.

To deactivate the button lock altogether, use the same procedure as for activation. When the symbol for Auto goes out, the button lock has been deactivated.

## Advice!

You can read more about this in the Settings chapter.

## Child-safe dishwashing

- Use the knife basket, or knife holder, for all long/sharp items.
- Always close the door and start the program immediately once dishwasher detergent has been added.
- Keep children away from the dishwasher when it is open. There might be remains of dishwasher detergent present!
- Do not allow children to use or play with the dishwasher. Always take particular care when the door is open.

**Protect your children!** 

**- Dishwasher detergent is corrosive!**

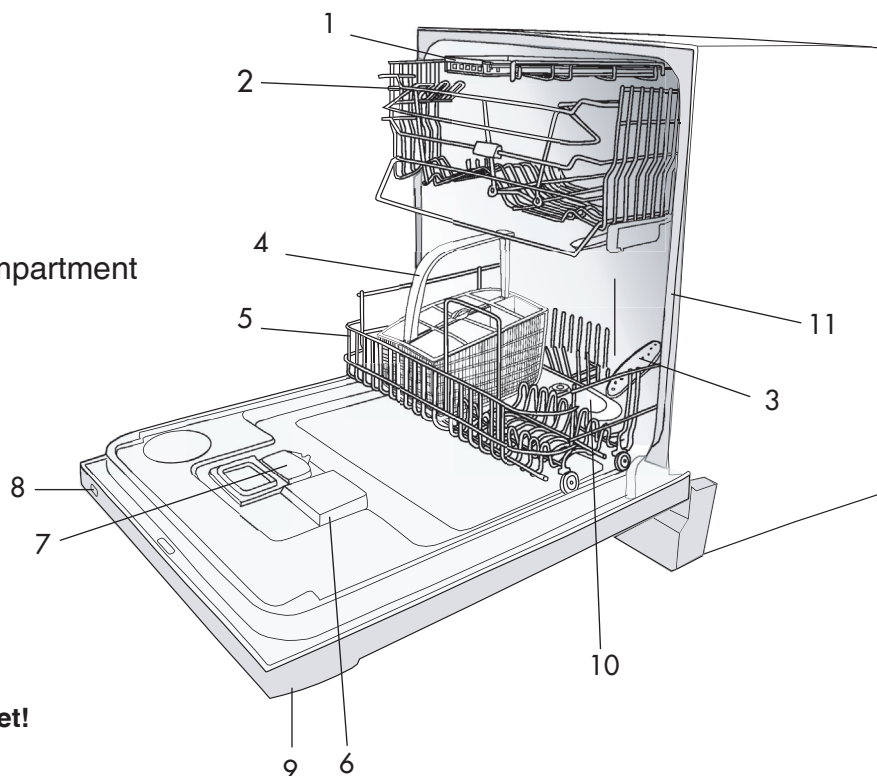
**WARNING: Dishwasher detergents are strongly alkaline. They can be extremely dangerous if swallowed. Avoid contact with skin and eyes and keep children away from the dishwasher when the door is open.**

**Check that the detergent compartment is empty after completion of the wash cycle.**

Store dishwasher detergent and rinse aid out of the reach of children! Should dishwasher detergent be swallowed, immediately drink one or two glasses of milk or water. Do not attempt to induce vomiting. Contact a doctor! Should dishwasher detergent come into contact with the eyes, rinse (for at least 15 minutes) with copious amounts of water.

# Parts of the dishwasher\*

1. Knife basket
2. Upper basket
3. Spray arms
4. Cutlery basket
5. Lower basket
6. Rinse aid dispenser
7. Dishwasher detergent compartment
8. Main switch
9. Program panel
10. Filter
11. Type plate



\* Details may differ  
depending on model and market!

## Technical information

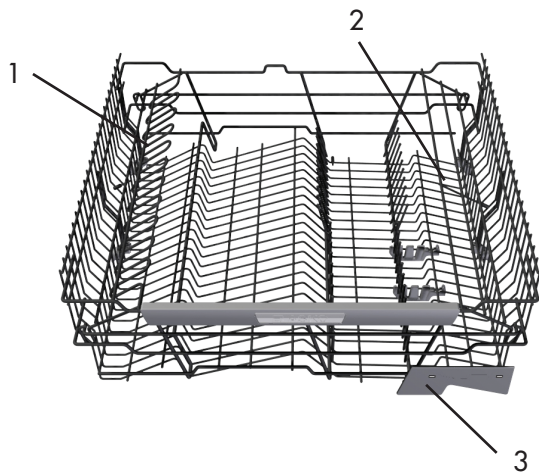
Height	820-860 mm
Width	596 mm
Depth	550 mm
Weight	48 kg/51 kg
Capacity*	14 place settings
Water pressure	0.03-1.0 MPa (0.3-10 kp/cm <sup>2</sup> )
Connection	1-phase, 230 V, 50Hz 10/10A**
Max	1600 W**
Accessories	Work surface, Side panels, Anti-tilt

\*In accordance with standard, AS/NZS 2007

\*\*See type plate.

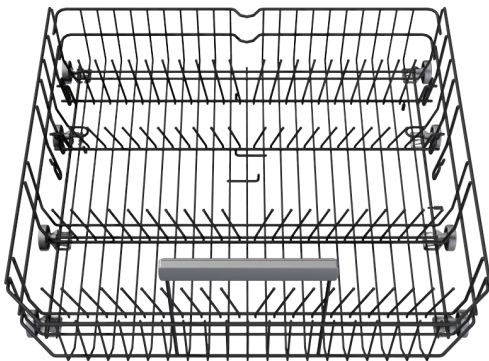
# Baskets\*

Upper basket

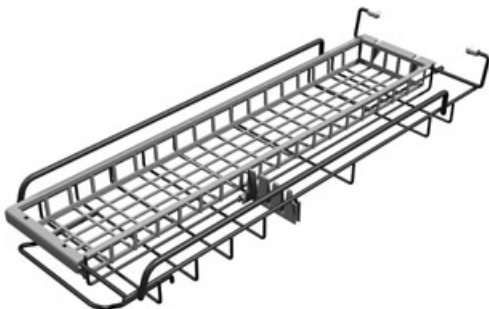


- 1. Wine glass shelf
- 2. Cup shelf
- 3. Knife stop

Lower basket



Knife basket



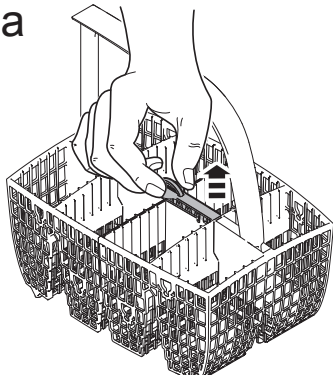
\*Details may differ depending on the model and market!



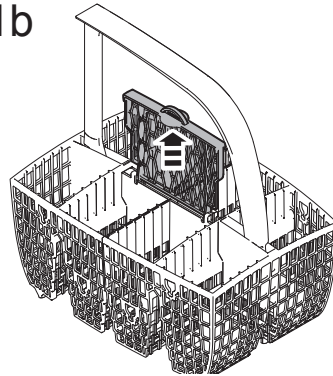
# Baskets\*

## Cutlery basket

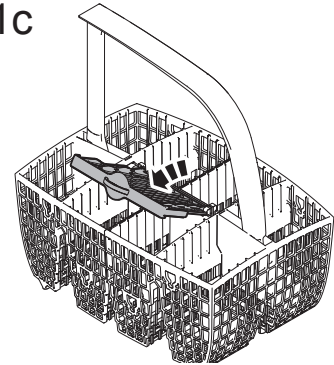
1a



1b



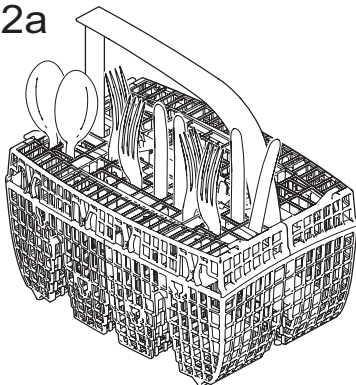
1c



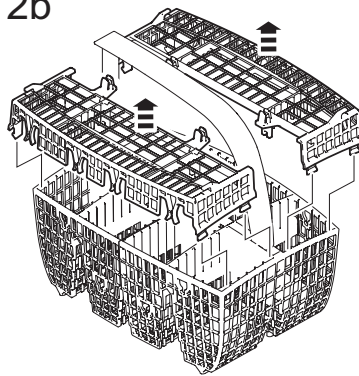
## Cutlery basket with cover

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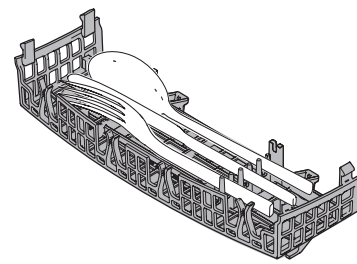
2a



2b



2c



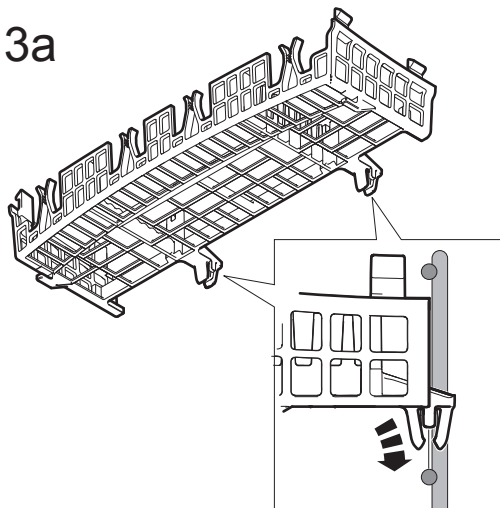
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\*Details may differ depending on the model and market!

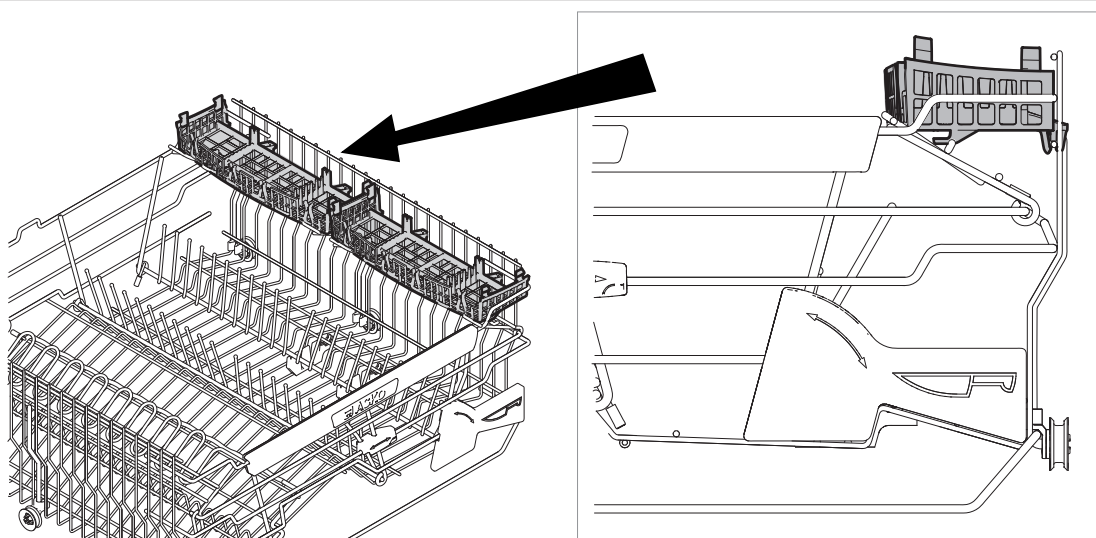
# Baskets\*

Placement of the cutlery basket cover (in Upper basket)

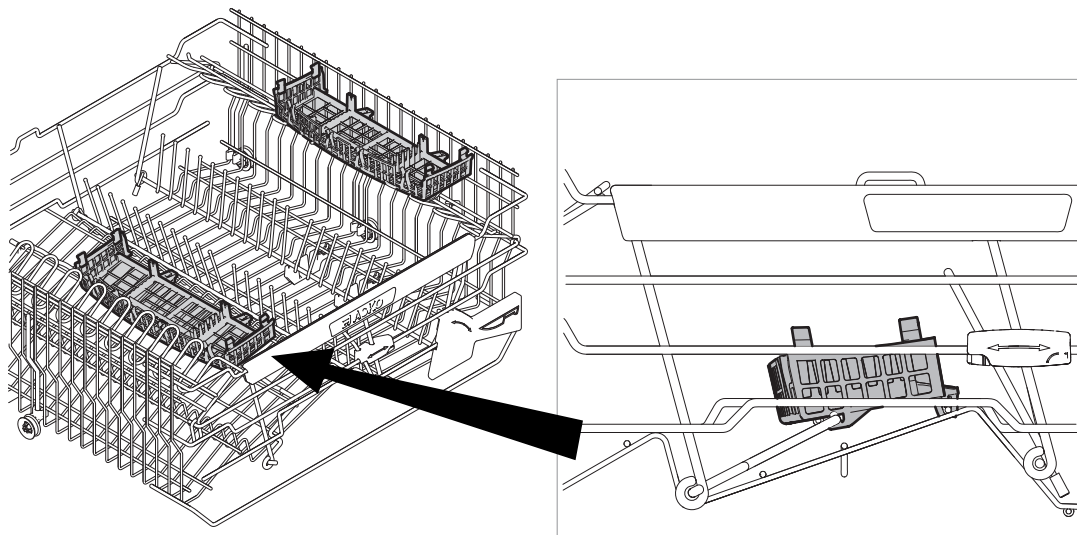
3a



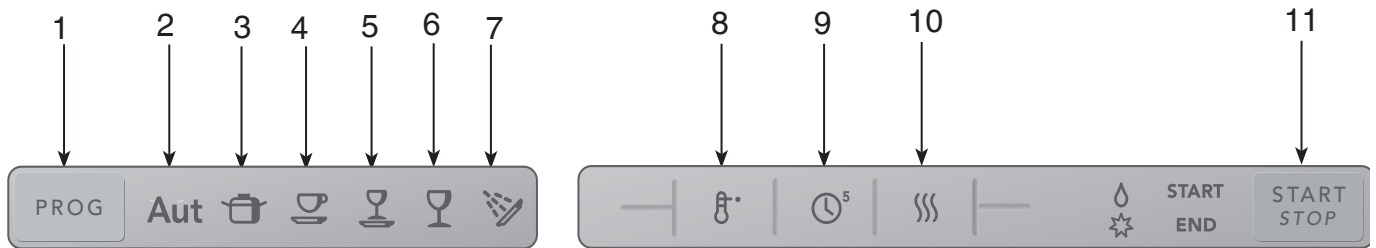
3b



3c



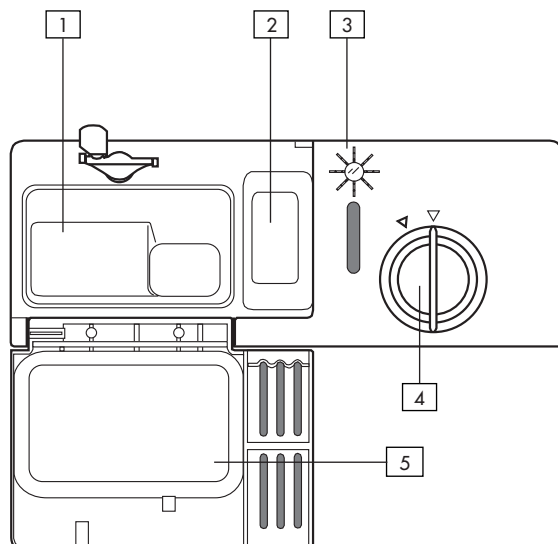
# Control panel



- 1. Program selector
- 2. Auto wash
- 3. Heavy wash
- 4. Normal wash
- 5. Delicate wash
- 6. Quick wash
- 7. Rinse & Hold

- 8. Temperature
- 9. Delayed start
- 10. Drying
- 11. Start/stop

# Dispenser



- 1. Compartment for main wash dishwasher detergent
- 2. Compartment for pre-wash detergent
- 3. Refill indicator rinse aid (not all models)
- 4. Rinse aid cover
- 5. Detergent compartment cover

Below are step by step instructions to help you achieve the best possible dishwashing results.

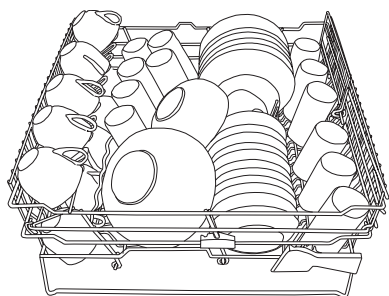
## 1 Load the baskets correctly!

Thanks to Super Cleaning System™, you do not need to rinse the dishes under running water. Convenient and environmentally friendly! Scrape off large food particles before loading the machine.

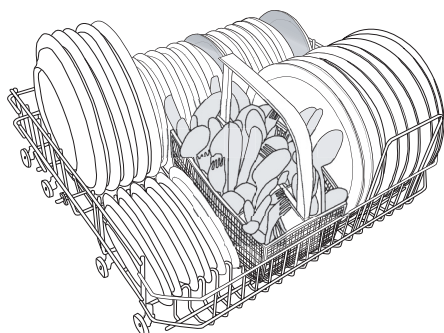
Place glasses, cups, bowls, side plates and saucers in the upper basket, wine glasses should be placed on the wine glass shelf, and knives in the knife stand if present.

### NB!

Ensure that all soiled surfaces face inwards or downwards!



Place dinner plates, side plates, serving dishes, saucepans and cutlery (in the cutlery basket) in the lower basket.



Stand the cutlery with handles downward and as spread out as possible. Ensure that spoons are not resting inside each other.

Do not put cutlery made of different materials, e.g. silver and stainless steel, in the same compartment (risk of stains).

Check that the spray arms are able to move freely.

See Fragile dishes, if you want to wash articles that may be fragile.

## 2 Detergent dosage

Detergent should be dispensed in accordance with the water's hardness level.

Follow the dosage instructions on the detergent package. If your dishwasher is fitted with a water softener, dispense as for soft water.

Pour the dishwasher detergent into the dishwasher detergent compartment. There is one compartment for pre-wash and one for main wash, see Dispenser. Phone the dishwasher detergent manufacturer if you have any questions regarding the detergent.

### Dishwasher tablets

Halve the tablet if it is difficult to close the dispenser cover.

### 3in1/ Combined detergent

#### NB!

Read through the directions for these products carefully. If anything is unclear, contact the dishwasher detergent manufacturer.

### CAUTION!

#### Protect your children!

- Dishwasher detergent is corrosive!

#### NB!



**Only use dishwasher detergent**

**Hand and Clothes washing detergent**

cannot be used as the build-up of foam may damage or impede the machine's performance.



# Programs

## 3 Press the main power switch



## 4 Select program

Select a program by pressing the program selector one or more times until the required program is displayed.

### Auto wash

The dishwasher detects how soiled the dishes are and adjusts water consumption and temperature accordingly.



### Heavy wash




The Heavy Wash program should be used for heavily soiled dishes, e.g. saucepans, pots and gratin dishes. If there is still space in the machine after loading such items, you can add plates et.



### Normal wash

Used for washing normally soiled dishes such as plates, serving dishes, cups and glasses, etc.

For washing normally soiled dishes use the

**Normal wash program**  with **normal temperature**  and **normal drying** .

To save more water and energy use economy temperature and economy drying.



### Delicate wash

If the dishes are not heavily soiled, you can select Delicate wash. This program is intended for glass and china which has just been used and therefore does not need such a powerful program.



### Quick wash

Select Quick Wash if the dishes are very lightly soiled. This program is used for very lightly soiled glass and china, e.g. coffee cups.



### Rinse & Hold

For rinsing the dishes while waiting for the machine to be illd.

**If you wish to use additional options, continue to point 5. Otherwise you can now start the machine, see pint 6.**

# Options

## **Select options**

To select an option, press one of the option buttons.

## **Temperature**

With the temperature option button you can select the wash temperature.

Program	Normal °C	Eco °C
Auto wash:		
Heavy wash:	70	55
Normal wash:	65	55
Delicate wash:	50	40
Quick wash:	60	30

The temperature symbol will light up if you have chosen the **normal** temperature. This selection will remain in force until a change is made.

## **Delayed start**

If you want the machine to start later, press the Delayed start option button. The clock symbol on the button lights up. Then press the Start/Stop button and the machine will start the program 5 hours later. To cancel delayed start, hold down the Start/Stop button for three seconds.

## **Drying**

If you require a better drying result, press the option button Drying to select normal drying. A symbol in the form of three wavy lines lights. If you want a program with Eco drying – press it again and the symbol will go out. The fan assists drying even if Eco dry is selected, but not in the QuickWash program.

## **6 Press Start/Stop**

The dishwasher will now start. It manages the entire wash automatically. Ensure that the door is properly closed or the machine will not start.

### **Changing options**

If you want to change program after having started the machine, press the Start/Stop button for three seconds. Then select a new program and then press the Start/Stop button again.

### **Do you want to load more dishes?**

Carefully open the door; the machine will stop automatically, put in the dishes, close the door and the dishwasher will continue from where it left off.

### **If the machine is switched off from the main switch**

(or in the event of a power cut) before the washing program has been completed, the interrupted program will continue when power comes back on.

### **NB!**

If the power is switched off, or if the door is open for more than 2 minutes during drying, the program is interrupted.

## **7 After dishwashing**

Once the machine has finished, it only draws standby current. Turn off the water faucet if the machine is not to be used for an extended period, such as during vacations, for example.

### **Drying**

For additional drying the door should be opened 35 mm upon completion of the drying cycle. For more information refer to the page marked Performance Information in these instructions.



# Eco-dishwashing

## **Only wash with a full load**

Waiting to run the wash until the machine is full saves energy.

## **Wash at a lower temperature**

If the load is only lightly soiled, you can lower the temperature.

## **Select program with Eco drying**

If you select an Daily/Heavy/Normal or Quick Wash program with Eco dry, this will save energy.

## **Additional drying**

You will get a better drying result if you open the door slightly after the completion of the **drying program**. Refer to section marked Performance Information.

## **Do not rinse before dishwashing**

You do not need to rinse the dishes before loading them into the machine. Just scrape off large food particles before loading the machine.

## **Choose environmentally-friendly dishwasher detergent**

Read environmental declarations on the package!

## **Connect to cold water supply**

For best performance it is recommended that connection is to cold water.



# Fragile dishes

A number of household goods are not suitable for machine washing. There can be many reasons for this. Certain materials cannot withstand intense heat, others can be damaged by the dishwasher detergent.

## **Fragile decoration**

China with decoration on top of the glaze (the article has a rough feel) should not be machine washed.

## **Crystal/ glass**

Place the articles so that they do not knock together during the wash. Use the lowest possible wash temperature and the shortest possible program. Do not heat dry! Antique and very fragile items should not be machine washed.

Glass which is machine washed at high temperatures can in time develop a grey film which cannot be removed. Wash fine glass at the lowest temperature and with a low dosage of dishwasher detergent.

## **Silver**

Silver and stainless items should not come into contact with each other as the silver can discolour.

## **Cutlery with glued handles**

Certain types of adhesive cannot withstand machine washing. In such cases the handles can come loose.

## **Wood**

Wooden articles should only be machine washed if they are labelled as dishwasher proof.

## **Aluminium**

Aluminium can be dulled by machine washing. However, good quality aluminium saucepans can be machine washed, although a reduction in lustre should be expected.




## **Plastic**

Certain types of plastic cannot withstand the high temperature generated in machine dishwashing.

## **To protect plastic articles**

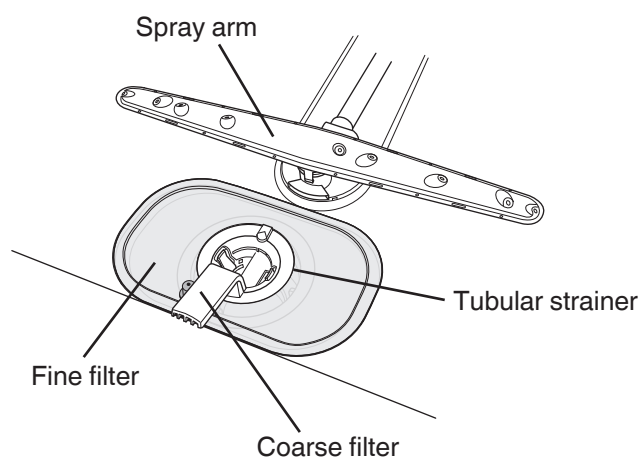
Select a program with Economy temperature and Economy drying.

# Program Description

Programview						
Programs	Auto	Heavy	Normal	Delicate	Quick	Rinse & Hold
Options	--	--			60°C 	
Prewashes with SCS*	--	2 prewashes	2 prewashes	--	--	--
Mainwash ***		55°C	65°C	50°C	60°C	--
Number of rinses	last rinse 60°C	3, last rinse 60°C	2, last rinse 70°C	2, last rinse 50°C	2, last rinse 60°C	1 rinse
Consumption values						
1. Wash time hot water /hours:min. **	1:40 - 2:25	2:50	2:10	1:35	0:45	0:04
Energy approx. kWh	0.5 - 0.8	0.6	0.9	0.5	0.6	0.01
2. Wash time cold water / hours:min.**	2:00 - 2:55	3:15	2:35	1:55	1:00	0:04
Energy approx. kWh	1.1 - 1.4	1.3	1.5	0.9	1.0	0.01
Water consumption	12 - 20 l	18 l	16 l	10 l	10 l	3 l
<p>* SCS = Self Cleaning System.</p> <p>** All quoted times are approximate. Cycle time fluctuations may occur due to water temperature, water pressure, variations in voltage etc.</p> <p>1. Hot water connection approx. 50°C.</p> <p>2. Cold water connection approx. 10°C.</p> <p>*** The listed temperatures are set as the default from the factory.</p>						

# Cleaning

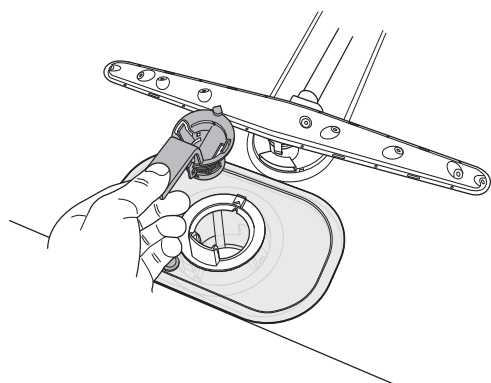
The dishwasher tub is made of stainless steel and is kept clean through normal use. However, if you have hard water, limescale deposits may form in the machine. If this happens, run a normal wash program with two tablespoons of citric acid in the dishwasher detergent compartment.



## Coarse filter

The coarse filter traps larger food particles, which cannot get past the drain pump. Empty the coarse filter as necessary.

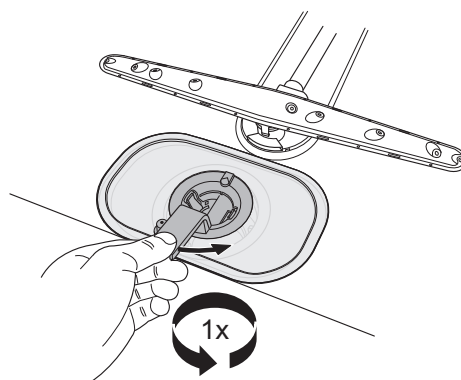
1. Lift the coarse filter by the handle.
2. Empty the coarse filter. Don't forget to replace it!



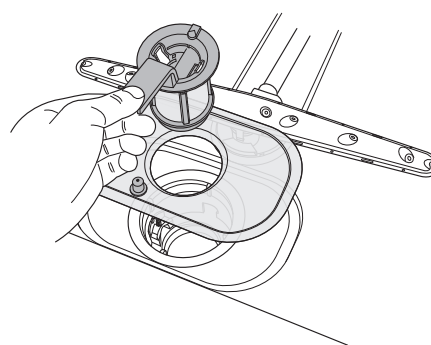
## Fine filter

Debris that collects on the fine filter is automatically rinsed away during each wash. However, the fine filter and its pipe section should be cleaned once or twice a year.

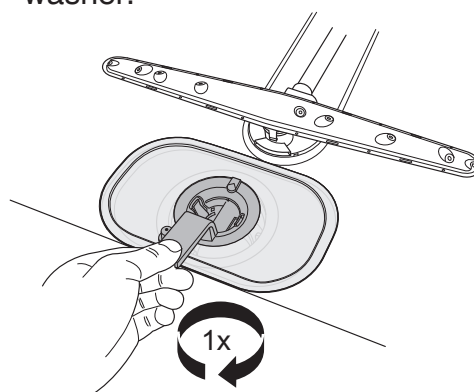
1. Turn the handle once counter-clockwise.
2. Lift the pipe section straight up by the handle. Free the coarse filter to clean the pipe section.



3. Remove and clean the fine filter.
4. Replace in reverse order. Ensure that the edges are properly sealed when replacing the fine filter.



5. Lock the filter in place by turning the handle clockwise to the stop position: the handle should point out from the dishwasher.



## NOTE:

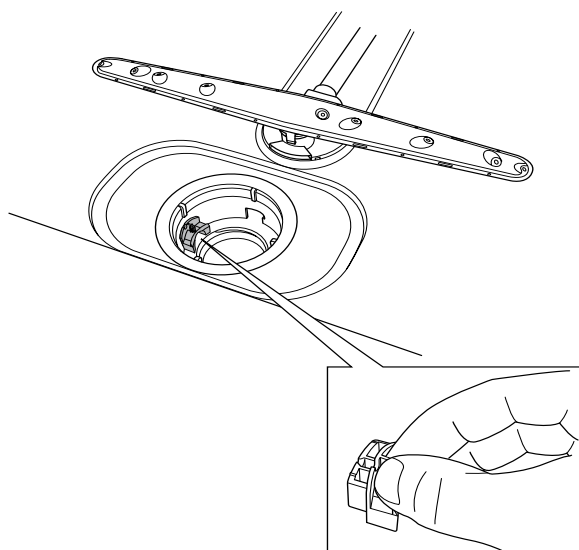
The dishwasher must not be used without the filter in place!

An improperly fitted coarse filter may affect the dishwashing result!

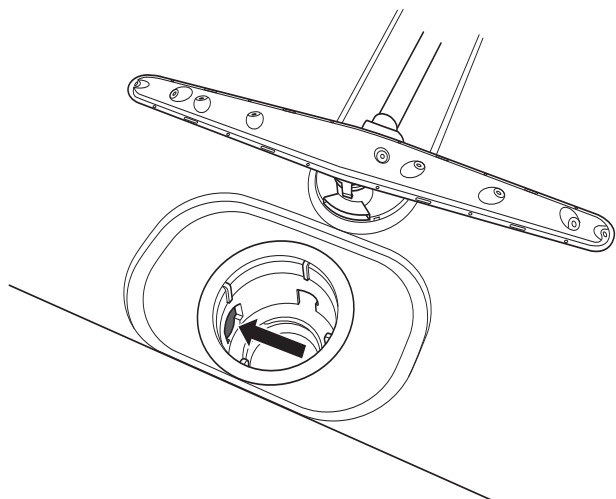
## Drain pump

The pump can be accessed from inside the machine.

1. Cut the power to the machine by pulling out the plug! ⚠
2. Remove the coarse filter and pipe section.
3. Remove the small fitted piece at the left of the bottom drain (see the image below).



4. You can release and turn the pump blade by inserting your finger into the hole and release anything blocking it.
5. Reinstall the fitted piece and filters.
6. Plug the plug into the wall socket.

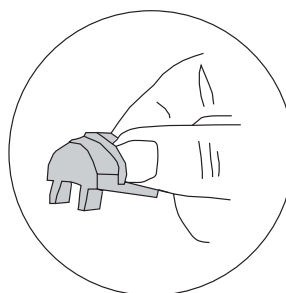


If the machine still does not start and a buzzing sound is heard, the overflow guard has been activated.

- Shut off the water.
- Pull the plug out from the wall socket.
- Call the service division.

### NOTE!

Do not forget to reinstall the fitted piece.

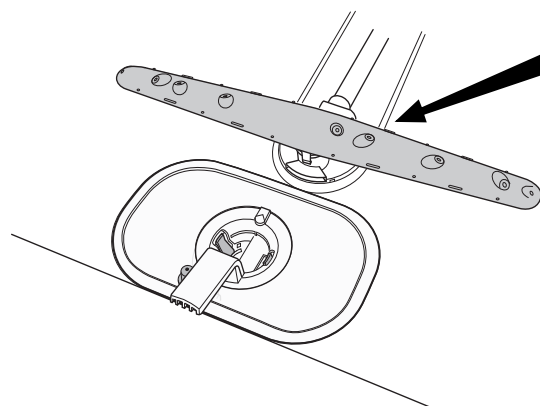


## The spray arms

Holes and bearings can sometimes become blocked.

1. Pull the lower washer arm straight up to release it.
2. Remove any deposits using a needle or similar.

The washer arms also have holes underneath.



To release the upper spray arm, the upper basket must be removed.

1. Pull out the basket and turn the basket stop outwards on both rails (see picture). The basket can now be removed.
2. Remove the upper spray arm in the same way as the lower arm and clean it.

## Door

When cleaning the edge around the door, use only a slightly damp cloth, possibly with a little detergent. Do not use a spray bottle or similar around the door catch. This is to ensure that water does not penetrate into the door catch and come into contact with the electrical components.

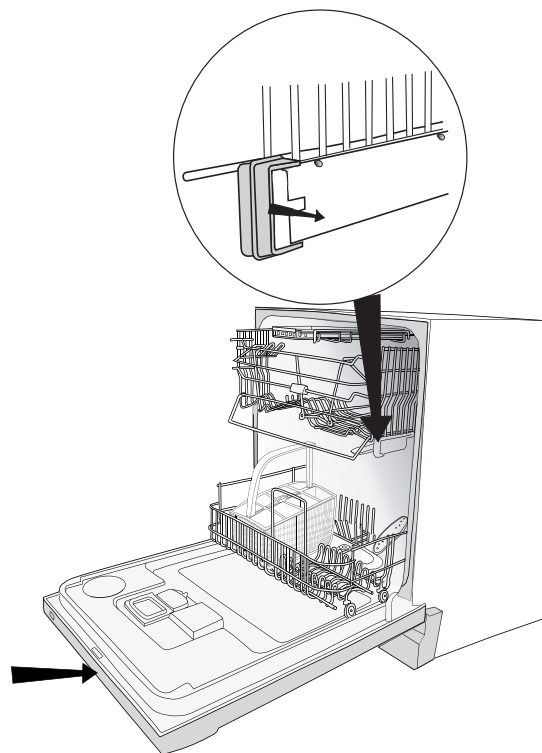
### CAUTION!



Do not use a spray bottle or similar around the door catch.

### Tips!

In order to prevent bad odours in the dishwasher, clean the strips and corners with a dish brush and low-lather detergent.




# Rinse aid

## Pour in rinse aid

Rinse aid, helps quicken the drying process.

## Machines with indicator on the panel

When the rinse aid has run out and more is needed, the rinse aid symbol  on the panel lights up\*.

To fill with rinse aid:

1. Turn and lift up the cover of the rinse aid compartment to the right of the dispenser. This is where you top up and set the amount of rinse aid to be dispensed in each wash.
2. Carefully pour in rinse aid up to the knob for dosage setting.

Alter dosage if required. Do not forget to close the cover.

### **\*NB!**

After filling there may be a short delay before the signal light goes out.

## Machines with refill indicator

There is a refill indicator in the middle of the dispenser (see picture). If the refill indicator is totally black, there is sufficient rinse aid. However, if the indicator has a more transparent appearance, you need to top up with rinse aid (see above).

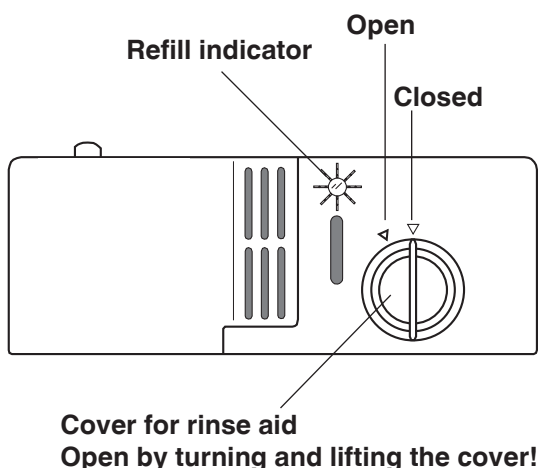
## Select dosage

The dispenser is usually set at 1= soft water. However, depending on the water hardness, it may be necessary to change the dosage.

Open the rinse aid cover . Here you will find the dispenser's adjustment dial. Settings 1-6: the harder the water, the higher the dosage. When the water hardness exceeds 10-12 °dH you should use rinse aid with citric acid (acid rinse aid) if the machine does not have a water softening filter. If the machine has a water softening filter, dispense as for soft water.

Too much rinse aid can lead to the build-up of foam. If your water is particularly soft, you can dilute the rinse aid (1 part rinse aid, 1 part water).

Too much rinse aid can cause streaks on the dishes, while too little can result in water stains.



# Settings

## Reprogramming

Some of the machine's functions can be reprogrammed. You get into the machine's change program using the machine's ordinary buttons as per the instructions below. The selection will be retained until the next time you reset this function.

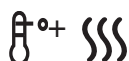
Even if the machine is turned off at the main switch or loses power for any other reason, all selections registered before the interruption of power will be retained.

## Child-safe button lock

You can prevent a child starting the machine by accident or changing the settings by programming the machine with a button lock, which requires the Temperature and Drying buttons to be pressed simultaneously to start up the machine. The button lock will automatically be reactivated after three minutes.

①

1. Switch off the dishwasher with the main switch.



2. Hold in the Temperature and Drying buttons while pressing the main switch. The Temperature, Drying and start symbols will flash. Release the Temperature and Drying buttons.

**PROG**

3. Press the Program button – when the AUTO wash symbol is lit, the button lock has been activated.

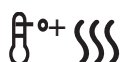
**START**  
**STOP**

4. Then press the Start/Stop button to store the setting.

or **Reset:**

①

1. Switch off the dishwasher with the main switch.



2. Hold in the Temperature and Drying buttons at the same time as pressing the main switch.

**PROG**

3. Press the Program button – when the AUTO wash symbol goes out the button lock has been deactivated.

**START**  
**STOP**

4. Then press the Start/Stop button to confirm the setting.



## Setting a signal

If you want the machine to signal when the wash is complete, you can program it to do this. The machine is set without a signal by default.



1. Switch off the dishwasher at the main switch.



2. Hold in the Delayed start button at the same time as you press the main switch. The button flashes. Release the button.

### **PROG**

3. Press the Program button – when the Auto wash symbol lights, the signal is activated.

### **START STOP**

4. Press the Start/Stop button and the setting will be stored until next time you want to make a change.

or Reset



1. Switch off the dishwasher with the main switch.



2. Hold in the Delayed start button at the same time as you press the main switch. The button flashes. Release the button.

### **PROG**






3. Press the Program button – when the Auto wash symbol goes out, the signal is deactivated.

### **START STOP**

4. Press the Start/Stop button and the setting will be stored until next time you want to make a change.



# Fault indications

Display		Type of fault	Action
	flashes	Too much water in the dishwasher	Phone service
	flashes	Fault with water inlet	Check that the water tap is open
	flashes	Valve leakage	Shut off the water tap and contact service
<b>AUT</b> 	flashes	Blocked drain	See 'Possible causes' in chapter Trouble shooting
<b>AUT</b> 	flashes	Clogged filter	Clean the filters, see chapter Cleaning

To remove the fault indications from the display, turn off the main switch and then turn it back on again.

# Troubleshooting

## Problems

### The dishes are not clean

## Possible causes

- The spray arms are not rotating.
- Old dishwasher detergent. NB! Detergent is a perishable.
- Incorrect dosage of detergent.
- Insufficiently powerful dishwashing program.
- Incorrect program chosen.
- Incorrect loading of the dishwasher.

## Action

- Lift off the arms and clean.
- Avoid large packs.
- Dispense according to the level of water hardness.
- Select the Temperature normal option or switch to a more powerful program.
- Change to a more intensive program.
- Do not cover china with large bowls or similar.
- Avoid placing very tall glasses in the corners of baskets.
- Load the china securely.

### Stains or a film on the china

- Glasses and cups have tipped over during the wash.
- Dishwasher fitted with water softener is leaking salt.
- Incorrectly set water softener.
- Incorrectly set rinse aid dispenser.
- The salt compartment is empty.
- Phosphate-free detergent in combination with hard water.
- Too high a temperature and/or too much detergent can cause etching on (crystal) glass. Unfortunately this cannot be remedied, only prevented!

- Check that the cover of the salt compartment is properly screwed on. Otherwise phone for Service.
- See the chapter on water softeners.
- See the chapter on rinse aid.
- Top up with salt.
- Change detergent.
- Wash (crystal) glass at a low temperature and dispense dishwasher detergent with care. Contact the dishwasher detergent manufacturer.

### The china has a whitish-blue sticky film

- Too high dosage of rinse aid.

- Reduce dosage. See the chapter on rinse aid. If the water is very soft, you could try diluting the rinse aid (1 part rinse aid, 1 part water).



## Problems

### Stains on stainless steel or silver

## Possible causes

- Certain food remnants such as mustard, mayonnaise, lemon, vinegar, salt and dressings can cause stains on stainless steel if allowed to remain for any length of time. All stainless steel can mark silver if allowed to come into contact during the dishwashing process. Aluminium can also cause stains on dishes.

## Action

- Rinse off food residue of this type if you do not intend to start the dishwasher immediately.

### Stains which remain after dishwashing

- Lipstick and tea can be difficult to remove.

- Separate your cutlery into the various compartments in the basket. Make sure silver and stainless steel are not together.

### Rattling sound during dishwashing

- The dishes are not properly loaded or the spray arms are not rotating.

- Change to a detergent with bleach.

- Check that the china is loaded securely. Spin the spray arms to make sure that they rotate.

### The machine will not start

- You have forgotten to switch on the main switch.
- The door is not properly closed.
- A fuse has blown.
- The plug is not plugged in.
- The water tap is off.
- Overfilling/leakage
- A droning sound (drainage pump) can be heard from the machine, this does not stop when the power is switched off using the main power switch.

- Check

- Check

- Check

- Check

- Check

**To restart the machine, press Start/stop for 3 seconds. Now select a new programme and press Start/stop.**

1. Close the water tap.
2. Pull out the plug.
3. Call a service engineer



## Problems

### Water remains in the machine

## Possible causes

- Obstruction in the drain hose.

- Kinks in the drain hose.

- The filters are clogged.

- Items in the drain pump.

## Action

- Disconnect the drain hose where it is connected to the sink's water trap. Check that no debris has become stuck. Is the cone-shaped part of the pipe cut so that the diameter is at least 16 mm?

- Check that the hose is free from kinks or sharp bends.

- Clean out the coarse filter, the fine filter and the filter.

- Clean out the drain pump. See chapter on cleaning

### Bad odor in the machine

- Dirt along the strips and in corners

- Low-temperature programs have been selected for a prolonged period.

- Clean with a dish brush and low-lather detergent.

- Run a Normal Temperature program around once a month.

### The dishes are not sufficiently dry

- Drying power too low. The machine is not fully loaded.

- The rinse aid has run out or the set dose is too low.

- Activate the Normal drying option (not all models). Put a full load in the machine.

- Replenish rinse aid or increase the dose of rinse aid if required.

- Open the door slightly once the program has finished.

# Performance information

## Test dosage

### Normal wash

Main wash 25 gram Standard detergent. Rinse aid dosage 3.

## Energy labelling

Australia: AS/NZS 2007

Dishwasher program:

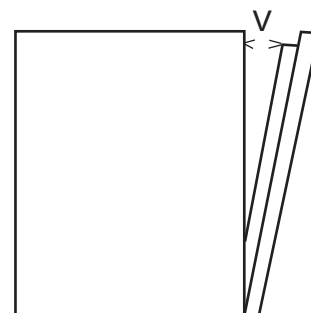
Normal wash, Economy temp. 45°C, Economy drying.

The door should be opened upon completion of the drying cycle a distance of **35** mm at V.

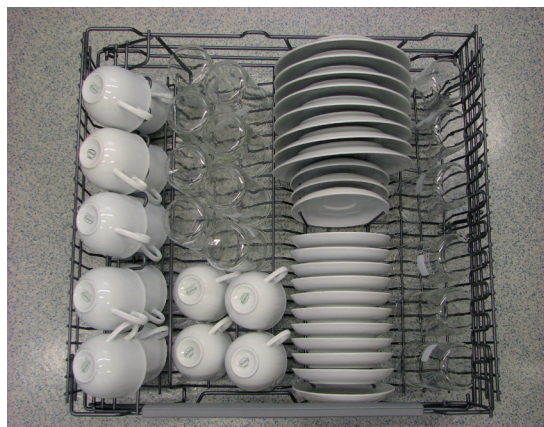
Program time: 1:40 hours:minutes.

Connection: Cold water

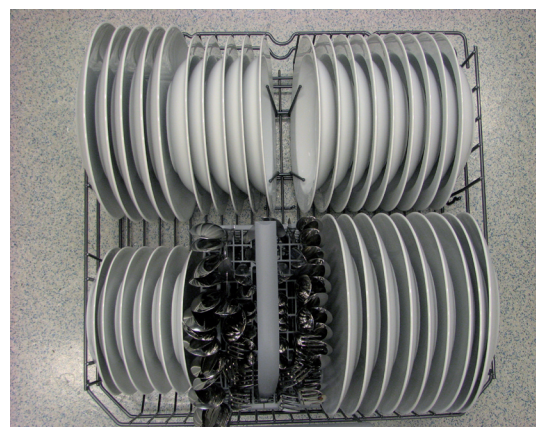
Test method noise measurement: IEC-704-3



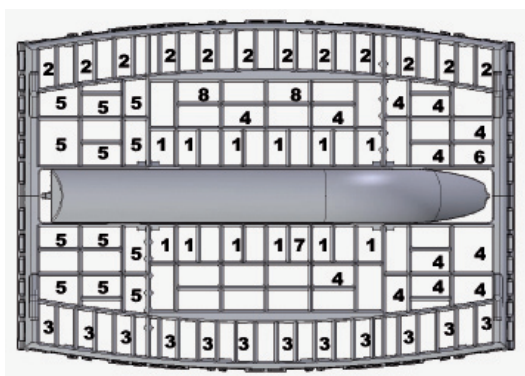
## Loading of performance test



Upper basket AS/NZS 2007.1



Lower basket AS/NZS 2007.1



Cutlery basket AS/NZS 2007.1

1. Teaspoons
2. Dessertspoons
3. Soup spoons
4. Forks
5. Knives
6. Serving cutlery - fork
7. Serving cutlery - gravy ladle
8. Serving cutlery - spoons

## Technical data

Height

820-860mm

Width

596 mm

Depth

550 mm

Weight

48 kg

Capacity\*

14 IEC place settings

Water pressure

0.03-1.0 MPa (0.3-10 kp/cm<sup>2</sup>)

Connection

See type plate

Max

See type plate

# Installation

## Suggestions on positioning the dishwasher

The dishwasher can be built in, fully free-standing or semi-free-standing.

### CAUTION!

Connection to electricity, water and drainage must be carried out by a suitably qualified person.

#### A. Built-in

The dishwasher can be built in under a work-top with a working height of 820 - 870 mm. The width measurement must be at least 600 mm. For additional measurements, see picture.

#### B. Freestanding

A freestanding dishwasher must be fitted with anti-tilt. This comprises two fastening irons which are screwed into place as illustrated. The dishwasher is then pushed in so that the fastening irons grip onto the rear feet. The dishwasher cannot now tilt in the event a load is placed on the open door. If the dishwasher is to be fully freestanding, both side panels and the work top should be fitted. These accessories can be purchased where you purchased the dishwasher.

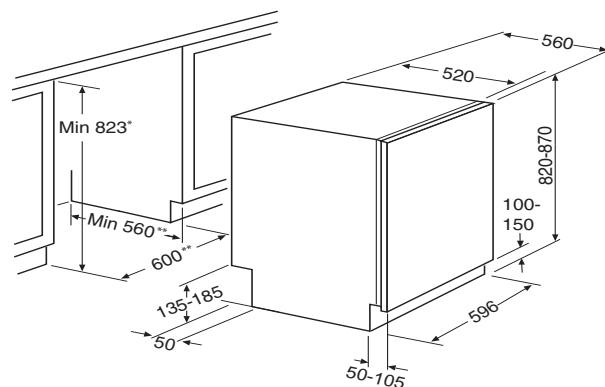
#### C. Semi-free-standing

If the dishwasher is positioned so that either side is visible, a side panel can be fitted. These accessories can be purchased where you purchased the dishwasher.

#### D. Machines with wooden door

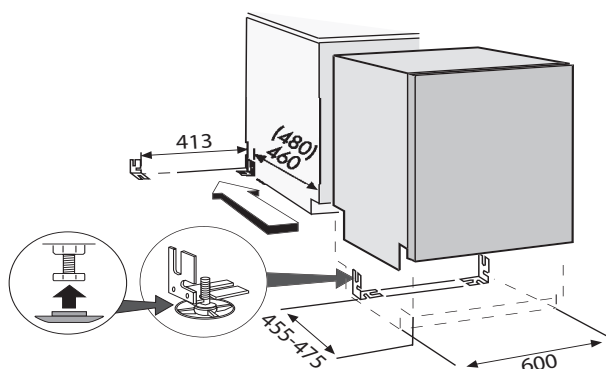
Stronger door springs are available for purchase for machines with a fitted wooden door. Springs are available for various weights and sizes of wooden door. Door springs can be purchased from the retailer who sold you the dishwasher.

## Built-in installation



\* With nut and sliding protection mounted  
\*\* Recommended measurements

## Freestanding installation



### CAUTION!

A fully freestanding dishwasher must be fitted with anti-tilt.

### Tip!

A machine with side panels and a counter top (freestanding) can, of course, also be installed as a built-in unit.

## Connection to water

There must be a shut-off tap on the water supply pipe. The shut-off tap should be easily accessible.

The water supply pipe has a connection with a 3/4" internal thread.

When the installation is complete, the shut-off tap should be opened to allow the pressure to settle for a while and to check that all connections are tight.

### NB!

It is recommended that connection should be to cold water.

## Connection to electricity

A dishwasher fitted with a lead and plug must be connected to an earthed socket. Repairs and maintenance relating to safety or performance must be carried out by a qualified professional.

### Technical data

See the type plate on the right side wall.

### CAUTION!



The lead must be removed from the socket while the work is carried out!

### NB!

The hose must be fastened level with the underside of the sink unit.

It must be discharged at least 350 mm above the bottom of the machine.

## Connection to drainage

When the drain hose is routed to a connection nipple at the sink's water trap (see illustration 1), note that the hose must be fastened level with the underside of the sink unit – otherwise the dishwater from the sink can run down into the dishwasher. The drain hose is threaded onto a cone-shaped connecting pipe at the sink unit's water trap. The cone-shaped pipe must be cut to an internal diameter of at least 16 mm. For other alternative connections, see illustrations 2 and 3.

The drain hose may be lengthened by a maximum of 3 m (the total length of the drain hose may not exceed 4.5 m). Any connections and connecting pipes must have an internal diameter of at least 16 mm. However, the drain hose should ideally be replaced with a new hose without joins.

Attach the drain hose with a securing clamp.

No part of the drain hose may be more than 950 mm above the bottom of the machine. The hose must not be routed directly to the floor drain or similar. In such cases, the hose can act as a siphon and empty the dishwasher.

Illustration 1

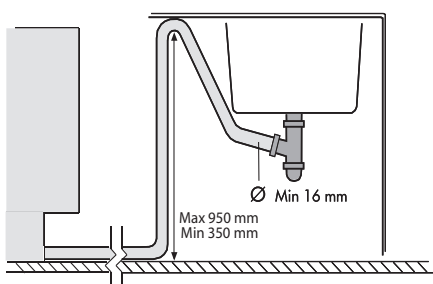


Illustration 2

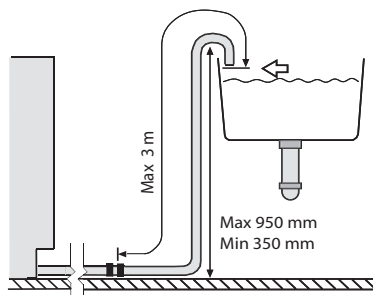
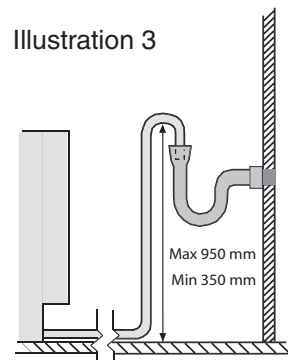


Illustration 3

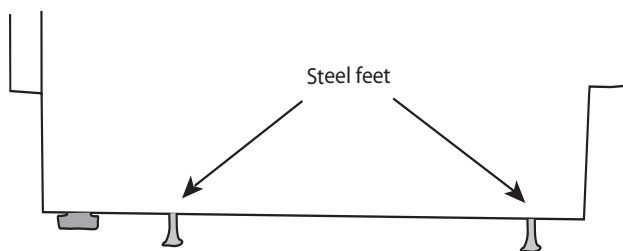




## Positioning the machine

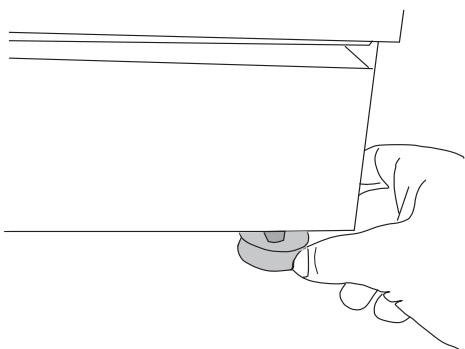
### A. Adjusting freestanding dishwashers

1. Adjust the height of the dishwasher with the four steel feet.
2. Lock the feet with the nuts.



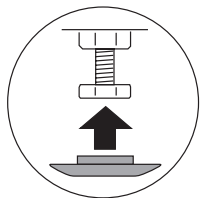
3. After the steel feet have been adjusted, screw down the two rubber feet tightly against the floor.

The rubber feet now work as anti-tilt protection.



### B. Adjusting machines with three or four feet

1. Start by measuring the height from the floor to the underside of the work top of your kitchen bench.
2. Install the sliding feet on the dishwasher.



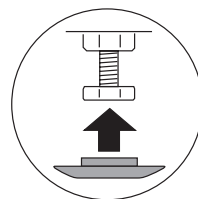
3. Measure the height from the floor to the top edge of the dishwasher.
4. Adjust all the feet by screwing them clockwise to raise or anti-clockwise to lower.
5. Check that the height of the machine corresponds to the height from the floor to

the underside of the work surface. Tighten the locking nuts (locking nut) on the rear feet.

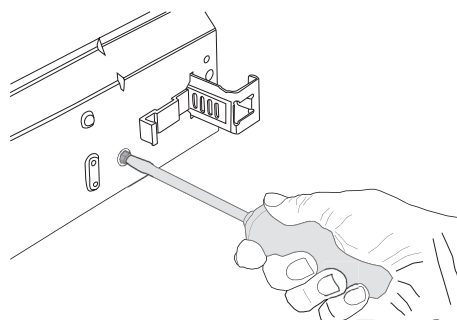
6. Push the dishwasher into place.
7. Finely adjust the front feet and tighten the locking nuts.

### C. Adjusting machines with adjustable feet

1. Start by measuring the height from the floor to the underside of the work surface.
2. Install the sliding feet on the dishwasher.



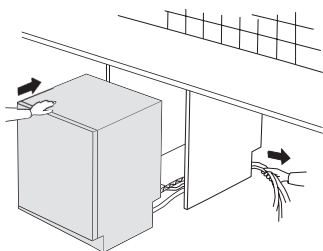
3. Measure the height from the floor to the top edge of the dishwasher.
4. Tilt the dishwasher forward a fraction and roughly adjust the rear foot by screwing the set screw at the front clockwise to raise or anti-clockwise to lower (illustrated below). Use a broad screwdriver or a hexagonal head screwdriver.
5. Adjust the front feet by turning them clockwise to raise or anti-clockwise to lower.
6. Check that the height of the machine corresponds to the height from the floor to the underside of the work surface.
7. Push the dishwasher into place.
8. Finely adjust the feet and tighten the locking nuts on the front feet.





### Slide the dishwasher into place

- Pull the drainage hose and connection pipe when the machine is pushed into place.
- Check that the hose has no kinks or sharp bends, and check that there is nothing that can damage the hoses.

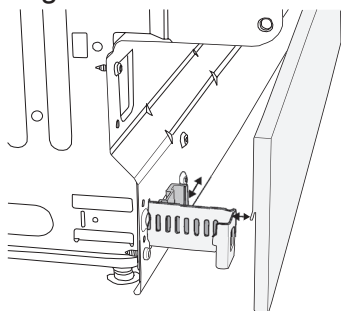


### Installing the plinth (kick plate)

The dishwasher has two kick-plates (some models). The taller one should be used if the machine is to be 850 - 870 mm high and the depth of the plinth can be varied between 45 - 105 mm. The lower one is to be used if the machine will be 820 - 845 mm with a plinth depth of between 50 - 105 mm. Attach the enclosed felt insulation to the kick-plate (some models).

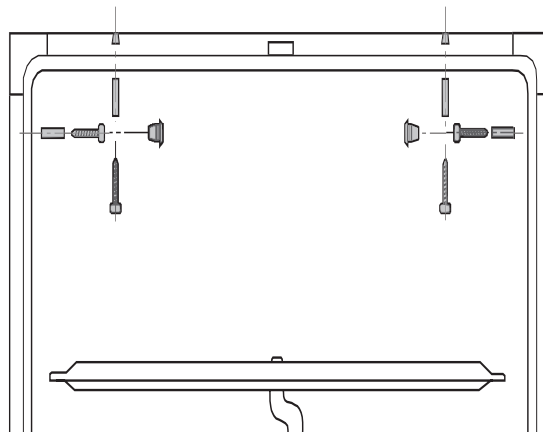
#### Set the correct plinth depth as follows:

1. Bring the grey hooks towards each other and pull out the brackets as far as required. Press in the catches so that they lock the brackets in place.
2. Suspend the kick-plate from the brackets by pushing into the slots.



### Screw the dishwasher into place

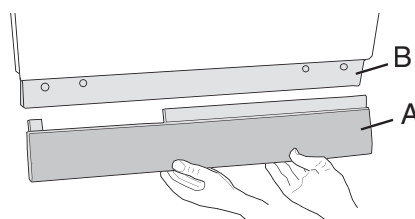
The enclosed plastic plugs are used for covering the screw holes if the dishwasher is to be screwed at the sides. After fixing check that the front feet are in contact with the floor.



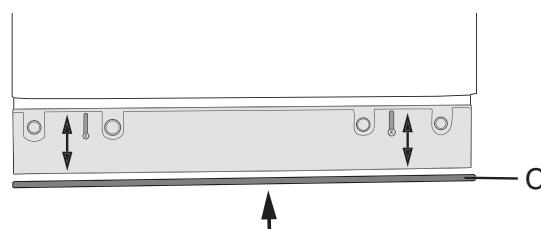
### Fitting strip seal (on floor plinth covering plate)

Proceed as follows:

1. Remove the plastic plinth by gripping with both hands under the plastic plinth (A), and lift outwards and upwards.



2. Undo the two screws on the covering plate (B).
3. Glue the accompanying rubber strip (C) to the underside of the covering plate (against the floor).
4. Screw the covering plate back into place. Adjust the covering plate so that the rubber strip is just in contact with the floor.



5. Replace the plastic plinth

# Service & guarantee

## **Service**

Before calling for service, check to see whether the fault is due to something that you can rectify yourself.  
See Troubleshooting.

## **Guarantee**

For guarantee details, see the guarantee card.

## Own comments

[illegible]

# Quick Guide

## 1. Loading baskets

Scrape off large food particles before loading the machine.




## 2. Dispensing dishwasher detergent

The detergent compartment has a small compartment for pre-wash and one for main wash.

## 3. Ensure that the spray arms can rotate freely

## 4. Turn on the main switch




## 5. Select program and press start

For washing normally soiled dishes use the **Normal wash program**  with **normal temperature**  and **normal drying** .

To save more water and energy use economy temperature and economy drying.

## 6. Close the door

## Mini Program Guide

Programview						
Programs	Auto	Heavy	Normal	Delicate	Quick	Rinse & Hold
Options	--	--	 		60°C 	
Prewashes with SCS	--	2 prewashes	2 prewashes	--	--	--
Mainwash		55°C	65°C	50°C	60°C	--
Number of rinses	last rinse 60°C	3, last rinse 60°C	2, last rinse 70°C	2, last rinse 50°C	2, last rinse 60°C	1 rinse

Art. No: 80 847 71. Rev. 01• We reserve the right to make changes. Disclaimer! Not all models contain all the features listed in this manual.

Printed on environmentally-friendly paper which meets the demands of Friends of the Earth and the Swedish Society for Nature Conservation.

